10/594298

IAPO1 Rec'd PCT/PTO 26 SEP 2006

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Rosario RIZZUTO et al

International Appln. No.: PCT/IB2005/000795

Filed: September 26, 2006

Attorney Dkt. No.: 026073-00008

METHOD FOR THE DETECTION OF INTRACELLULAR PARAMETERS WITH

LUMINESCENT PROTEIN PROBES FOR THE SCREENING OF MOLECULES

CAPABLE OF ALTERING SAID PARAMETERS

## INFORMATION DISCLOSURE STATEMENT

Mail Stop: PCT

**Commissioner for Patents** 

P.O. Box 1450

Alexandria, VA 22313-1450

Date: September 26, 2006

Sir:

This is an Information Disclosure Statement submitted under 37 C.F.R. 1.97 within

the time specified under 37 CFR 1.97(b).

The references cited in the attached Forms PTO-SB08a & PTO-SB08b were

cited in the enclosed International Search Report issued by the European Patent

Office in connection with the above international application. It is understood that the

International bureau has sent a copy of each of the cited references to the U.S.

Patent and Trademark Office. If this is not the case, please contact Applicants'

representative at the telephone number listed below.

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In view of the above, all requirements of 37 CFR 1.97 and all official guidelines pertaining to Information Disclosure Statements have been complied with, and it is therefore respectfully requested that the Examiner consider the references and make them of record.

Respectfully submitted,

Richard J. Berman

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Enclosures: Forms PTO-SB08a & PTO-SB08b; International Search Report

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PTO/SB/08a (08-03)

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				Filing Date	September 26, 2006	
5	TATEMENT BY	-		First Named Inventor	Rosario RIZZUTO et al	
Form PTO/SB/08a				Art Unit		
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number	026073-00008	

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Examiner Initials*	Cite No.1	Document Number	Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		US- 6,566,083	B1	05-20-2003	Ole THASTRUP et al		
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FOREIGN PATENT DOCUMENTS								
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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PTO/SB/08b (08-03)

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Substitute for form 1449B/PTO						Complete if Known		
INFORMATION DISCLOSURE						Application Number	New Application	
STATEMENT BY APPLICANT Form PTO/SB/08b						Filing Date	September 26, 2006	
					MA 1	First Named Inventor	Rosario RIZZUTO et al	
						Art Unit		
						Examiner Name		
Sheet	1		of	1		Attorney Docket Number	026073-00008	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		TORFS Herbert et al: Recombinant Aequorin as a Reporter for Receptor-Mediated Changes of Intracellular Ca2+-levels in Drosophila S2 cells; Invertebrate Neuroscience; vol. 4; no. 3; April 2002; pages 119-124; XP002348989; ISSN: 1354-2516	
		LE POUL Emmanuel et al; Adaptation of Aequorin Functional Assay to High Throughput Screening; Journal of Biomolecular Screening; vol. 7; no. 1; February 2002; pages 57-65; XP009055395; ISSN: 1087-0571	
-		BRINI M et al: Nuclear Targeting of Aequorin: A new apporach for measuring nuclear Ca-2+ concentration in intact cells; Cell Calcium; vol. 16; no. 4; 1994; pages 259-268; XP009055350; ISSN:0143-4160	
	:	CHIESA A et al: Recombinant Aequorin and Green Fluorescent Protein as Valuable Tools in the Study of Cell Signalling Biochemical Journal; The Biochemical Society; London, GB; vol. 355; no. 1; April 1, 2001; pages 1-12; XP009013205; ISSN: 0264-602; figure 2	
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Examiner	Date	
Signature	Considered	j

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